

a program code of a comparison step of comparing the peak levels measured in the measurement step;

a program code of a selection step of selecting a sensing result of one of the plurality of sensors on the basis of a comparison result in the comparison step; and

a program code of an output step of outputting a coordinate value corresponding to the beam spot on the basis of the sensing result selected in the selection step,

wherein light-receiving areas of the plurality of sensors have an overlapping portion.

REMARKS

Claims 1-11 are presented for consideration, with Claims 1, 6 and 11 being independent.

By this Amendment, Claims 1, 6 and 11 have been amended to measure peak levels of data, compare the measured peak levels, and select a sensing result based on this comparison. The Lieu '585 patent, which was discussed in the Amendment dated December 4, 2002, fails to teach or suggest, inter alia, these features of Applicants' claimed invention.

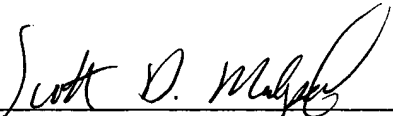
Accordingly, it is submitted that Lieu fails to anticipate or render obvious Applicants' claimed invention. Therefore, reconsideration and withdrawal of the rejection of the claims under 35 U.S.C. §102 is respectfully requested.

Thus, it is submitted that Applicants' invention as set forth in independent Claims 1, 6 and 11 is patentable over the cited art. In addition, dependent Claims 2-5 and 7-10 set forth additional features of Applicants' invention. Independent consideration of the dependent claims is respectfully requested.

In view of the foregoing, reconsideration and allowance of this application is deemed to be in order and such action is respectfully requested.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,



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VERSION WITH MARKINGS TO SHOW CHANGES MADE TO CLAIMS

1. (Amended) A coordinate input device for generating a beam spot by irradiating a predetermined position of a coordinate input surface with light coming from a pointing tool, and generating a coordinate value corresponding to the beam spot, comprising:

- a plurality of sensing means, arranged for at least one coordinate axis, for sensing the beam spot;
- measurement means for measuring peak levels of data sensed by said plurality of sensing means;
- comparison means for comparing the peak levels measured by said measurement means;
- selection means for selecting a sensing result of one of said plurality of sensing means on the basis of a comparison result of said comparison means; and
- output means for outputting a coordinate value corresponding to the beam spot on the basis of the sensing result selected by said selection means,

wherein light-receiving areas of said plurality of [detection] sensing means have an overlapping portion.

6. (Twice Amended) A method of controlling a coordinate input device for generating a beam spot by irradiating a predetermined position of a coordinate input surface with light coming from a pointing tool, and generating a coordinate value corresponding to the beam spot, comprising the steps of:

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measuring peak levels of data detected by a plurality of sensors, which are arranged for at least one coordinate axis and adapted to sense the beam spot;

comparing the peak levels measured in the measurement step;

selecting a sensing result of one of the plurality of sensors on the basis of a comparison result in the comparison step; and

outputting a coordinate value corresponding to the beam spot on the basis of the sensing result selected in the selection step,

wherein light-receiving areas of the plurality of sensors have an overlapping portion.

11. (Amended) A computer readable memory which stores a program code of controlling a coordinate input device for generating a beam spot by irradiating a predetermined position of a coordinate input surface with light coming from a pointing tool, and generating a coordinate value corresponding to the beam spot, comprising:

a program code of a measurement step of measuring peak levels of data detected by a plurality of sensors, which are arranged for at least one coordinate axis and adapted to sense the beam spot;

a program code of a comparison step of comparing the peak levels measured in the measurement step;

a program code [fo] of a selection step of selecting a sensing result of one of the plurality of sensors on the basis of a comparison result in the comparison step; and

a program code of an output step of outputting a coordinate value
corresponding to the beam spot on the basis of the sensing result selected in the selection step,
wherein light-receiving areas of the plurality of sensors have an
overlapping portion.